

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 97-108
NPDES NO. CA0005134

AMENDING WASTE DISCHARGE REQUIREMENTS FOR:

CHEVRON USA PRODUCTS COMPANY RICHMOND REFINERY,
CHEVRON CHEMICAL COMPANY, RICHMOND PLANT, AND
GENERAL CHEMICAL CORPORATION, RICHMOND WORKS,
RICHMOND, CONTRA COSTA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region, (hereinafter called the Board) finds that:

1. The Board issued Waste Discharge Requirements to Chevron USA Products Company, (hereinafter called the Discharger), under the National Pollutant Discharge Elimination System (NPDES) permit number CA0005134, Order No. 92-111 on September 16, 1992.
2. Chevron USA operates a petroleum refinery. It manufactures fuels, lubricants, asphalt, and petrochemicals. The refinery discharges treated process wastewater, cooling water, storm water, and other wastes as described below, into San Pablo Bay, a water of the United States.
3. General Chemical Corporation (formerly Allied Chemical Corporation), Richmond Works, manufactures sulfuric acid and oleum, using alkylation acid and spent sulfuric acid from the refinery as part of its raw material. Treated wastewater from General Chemical Corporation is discharged to the Chevron USA wastewater system.
4. Chevron Chemical Company, Agricultural Division, Richmond Plant, manufactures fertilizers, pesticides, fungicides, herbicides, and fuel additives. Order No. 92-111 permits the exhaust gas scrubber blowdown from its incinerator to be discharged to the Chevron USA wastewater system. Chevron Chemical Company shut down its incinerator on June 27, 1997.
5. The USEPA and the Board classify Chevron USA Products Company as a major Discharger. Treated effluent from the facility discharges to San Pablo Bay through a deepwater outfall, and the effluent limitations contained in Order No. 92-111 are based on a dilution ratio of 10:1.
6. The Discharger intends to discharge storm water runoff to San Pablo Bay from two waste management units on the Refinery property following the installation of low permeability caps. The units include the Parr-Richmond Landfill (Lat. 37°57'15'', Long. 122°22'45''), and Gertrude Street Dump sites (Lat. 37°57'15'', Long. 122°22'45''), and cap installation is expected by the end of 1997. The USEPA recently approved Chevron's corrective action plans for the two units.
7. The Discharger intends to discharge storm water runoff from five on-site landfarms following the installation of vegetative covers. Storm water would be routed from Landfarm No. 1 to the first pass of the refinery's No. 1 Oxidation pond, and from Landfarms No. 2 through No. 5 to the Water Enhancement Wetland. Discharges from the No. 1 Oxidation pond, and the Water Enhancement Wetland are currently regulated by Order No. 92-111.

8. This Order amends Order No. 92-111 to include the regulation of storm water discharges from the Parr-Richmond Landfill, and the Gertrude Street Dump Site.
9. The amendment of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000 of Division 13) of the Public Resources Code (CEQA) pursuant to Section 13389 of the California Water Code.
10. The Board notified the Discharger, and interested agencies and persons of its intent to amend waste discharge requirements, and has provided them with an opportunity for a public hearing, and an opportunity to submit their written views and recommendations.


IT IS HEREBY ORDERED that:

- A. The discharges of storm water from Parr-Richmond Landfill, and the Gertrude Street Dump Site containing constituents in excess of the following limits are prohibited:

<u>Constituent</u>	<u>Units</u>	<u>Maximum Daily</u>
Oil & Grease	mg/L	15
TOC	mg/L	110
Visible Oil	Observation	none
Visible Color	Observation	none

- B. The discharges of storm water from Parr-Richmond Landfill, and the Gertrude Street Dump Site shall not have a pH less than 6.5 nor greater than 8.5.
- C. The Self-Monitoring Program contained in Order No. 92-111 shall be amended to include storm water monitoring from the Parr-Richmond Landfill, and the Gertrude Street Dump Site for the constituents specified above. The Discharger shall collect and analyze samples of storm water discharge from at least two storm events during each wet season which produces significant storm water discharge. A significant storm water discharge is a continuous discharge of storm water for approximately one hour or more.
- D. This Order shall serve as an amended National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act, or amendment thereto, and shall become effective 10 days after the date of adoption provided the Regional Administrator, Environmental Protection Agency, has no objections. If the Administrator objects to its issuance, the modifications shall not become effective until such objection is withdrawn.

I, Loretta K. Barsamian, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on September 17, 1997


for
Loretta K. Barsamian
Executive Officer